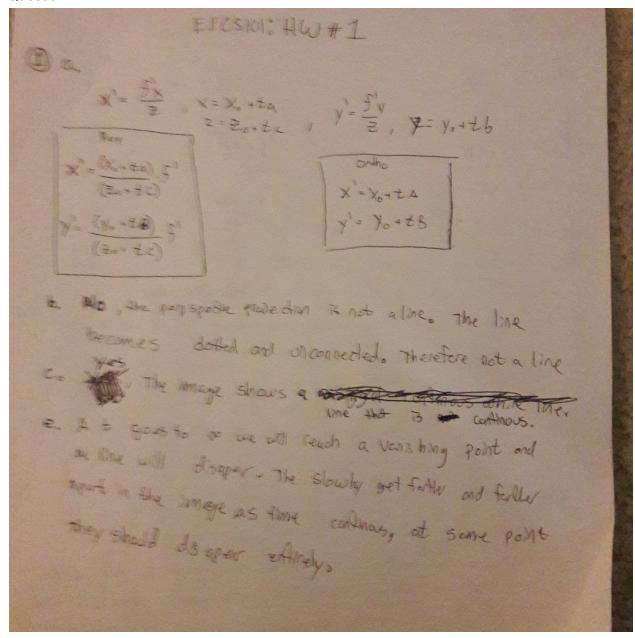
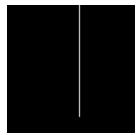
Brandon Schnedar 25821724

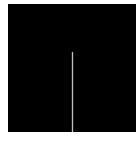
Question #1



Perp



Ortho



Question #2

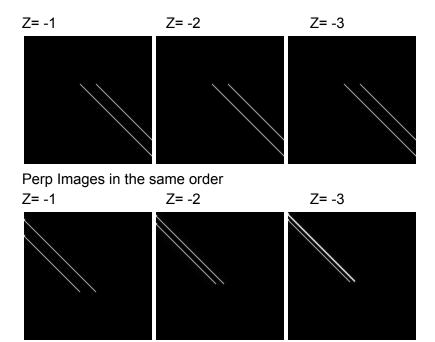
Perp

(B) a.

$$X_1 = X_2 + tA$$
 $X_2 = X_2 + tA$
 $X_1 = X_2 + tA$
 $X_2 = X_2 + tA$
 $X_1 = X_2 + tA$
 $X_2 = X_2 + tA$
 $X_3 = X_2 + tA$
 $X_4 = X_4 + tA$

12 = Yz+tb 9 = Y2+ tA 51 C. will they gove Receivel? The Z flone needs to take be the Same or very dose to show if two perollel 1 nos one Prallel enum $m' = -\frac{f}{2} = \frac{f}{2} = \frac{1}{1}$ $\frac{1}{2} = \frac{1}{2}$ $\frac{1}{2} = \frac{1}{2}$ $\frac{1}{2} = \frac{1}{2}$ $\frac{1}{2} = \frac{1}{2}$ $\frac{1}{2} = \frac{1}{2}$ since mayn fiction 3 the same for orthof Perp and ortho will always show fadlel lines when given a paride! Whas, so long as onto 13 pealled perp will be puralel in the studen. M only depends on. Z and both or the / Perp shape a Z and have

Ortho images

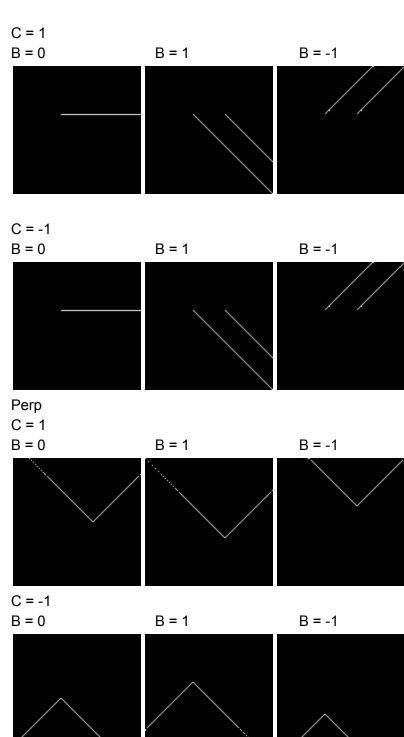


Question #3 and the remainder of #2

Question #3 and the remainder of #2	
2 Do yes, all the Pusp & ortho images are parallel like put a suggests e. The orthographic Production is a good aprofinden. Xo = 0.5+t Some a the same values the in the whe Z = -1. The - Z	Tork
so whe $z=-1$. The $-z=-1$ she to some and sheet are semi-synatric handed thes it works some. Some. Some. Perf	100
A: $x = x$, $y = y_0 + tb$ $\hat{x} = x_2$ $\hat{y}' = y_0 + tb$ $\hat{x} = \frac{x_1}{z_0 + tc} \hat{y}'$ $\hat{x} = \frac{x_2}{z_0 + tc} \hat{y}'$	
$\chi' = \frac{\gamma_o + tb}{z_o + tc} f'$ $\chi' = \frac{\gamma_o + tb}{z_o + tc} f'$ $\frac{\gamma_o + tc}{z_o + tc} f'$	

b) m= -5 = 12 × m= -1 >1 $x_1 = \frac{x_1}{2c+4c} = \frac{5}{5},$ Y' = X1+tb = 0 Z=20+tc 근= -1 71 d) yes Some lines may beflipped since m= 1 31, one will give a minor, they are symetric may result in oon parallel lines unless! Some of them are flipped over the x-axis as predicted in Part Bo F) as t goes to a x } y goto p meaning all X14/2 territor are (0,0,0) many they converge and no longer estables

Ortho



Extra Credit:

fopen(), opens a file to be read or written. It does this by the user inputing "rb" read or "wb." write.

fread(): Reads from a file, the inputs tell it where to read

fclose(): Closes an opened file that the code was perviously reading or writing.

header(): The header takes the previous title of the given image and converts it in a way that it can be used in the ras file by using little-endian or big endian depending on the system.

clear(): Clear takes the images memories space and clears out any of the memory that may be defined. It does this by going through every memory slot and setting them to Zero.

fwrite(): writes what is given in to the specificed file it is given. The coordinated inputs tell it where to put the new data.

main(): Main converts a raw image to a ras image. It does this by opening a file, it checks to see if it can be opened first and if it is the right size, converts the header of the file and then raw file into a ras file.